

MATERIAL SAFETY DATA SHEET

NFCA 1

FOR COATINGS, RESINS AND RELATED MATERIALS

DATE OF PREP. 12-9-76

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)
R. 12/10/82

Section I

MANUFACTURER'S NAME U. S. Paint, Division of Grow Group, Inc.

STREET ADDRESS 831 S. 21st Street CITY, STATE, AND ZIP CODE St. Louis, Missouri 63103

EMERGENCY TELEPHONE NO.

INFORMATION TELEPHONE NO. (314) 621-0525

PRODUCT CLASS Polyisocyanate Resin

MANUFACTURERS CODE IDENTIFICATION G3004 (92-C-22B)

Type 2, Class 2 Catalyst (82-C022B)

TRADE NAME Low Solids Clear Urethane Topcoat Converter for Spray Application
AWLCATTM #12

Section II - HAZARDOUS INGREDIENTS

INGREDIENT	Volume PERCENT	TLV		LEL	VAPOR PRESSURE in mm Hg 20° C
		PPM	mg/M ³		
Ethyl Acetate	55.0	400	1440	2.2	76.0
Xylene	5.0	100	435	1.1	9.5
2-Ethoxy Ethyl Acetate	15.0	100	540	1.7	1.2
Biuret of 1,6 Hexamethylene Diisocyanate	25.0	NOT ESTABLISHED			

Section III - PHYSICAL DATA

BOILING RANGE 167° to 329°F

VAPOR DENSITY ☒ HEAVIER. ☐ LIGHTER THAN AIR

EVAPORATION RATE ☐ FASTER ☒ SLOWER THAN ETHER

PERCENT VOLATILE
BY VOLUME 75.0

WEIGHT PER
GALLON 7.88

Section IV - FIRE AND EXPLOSION HAZARD DATA

Combustible Liquid 100°-200°F ☐

FLAMMABILITY CLASSIFICATION

Flammable Liquid 20°-100°F ☒

Non Flammable
EXTINGUISHING MEDIA ☐

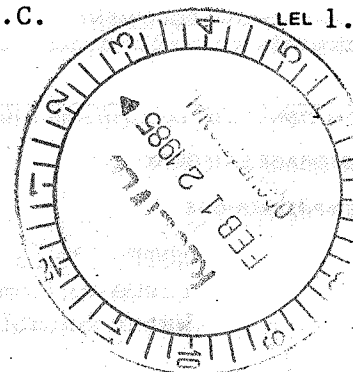
Dry Chemical or Foam

FLASH POINT 39.0°F T.C.C.

LEL 1.1

UNUSUAL FIRE AND EXPLOSION HAZARDS Do not expose to spark or open flame

SPECIAL FIRE FIGHTING PROCEDURES - Personnel who are fighting isocyanate fires should wear self-contained breathing apparatus.



Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 100 to 400 PPM

EFFECTS OF OVEREXPOSURE Eye and upper respiratory irritant

ACUTE

CHRONIC

EMERGENCY AND FIRST AID PROCEDURES If exposed to excess vapor, remove to fresh air and seek medical attention. If splashed in eyes, flush with large amounts of water for 15 minutes. Call a physician immediately. If splashed on skin, wash with soap and water. If swallowed, CALL A PHYSICIAN IMMEDIATELY. DO NOT induce vomiting.

Section VI — REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE

CONDITIONS TO AVOID - Excess heat or oxidizing materials.

INCOMPATIBILITY (Materials to avoid) - Avoid contact with water, alcohol, amines, and other compounds which react with isocyanates.

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID

Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Affected area should be treated with an absorbing compound and then material placed in a tightly closed container.

WASTE DISPOSAL METHOD In accordance with local, state, and federal environmental control regulations.

Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION NIOSH/MSHA approved combination vapor/particulate or air supplied respirator.

VENTILATION Sufficient to keep air supply above threshold limit values.

PROTECTIVE GLOVES Rubber or Plastic

EYE PROTECTION Goggles

OTHER PROTECTIVE EQUIPMENT

Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep away from excess heat, sparks, and flames.

DCL STORAGE CATEGORY

OTHER PRECAUTIONS

NOTE: This product does not contain intentionally added ingredients which are based on compounds of Antimony, Arsenic, Cadmium, Lead, Mercury, Selenium, or Water Soluble Barium.

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